


FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)	Attorney Docket Number 8194-348IP	Serial No. 09/854,950
	Applicants: Wang et al.	
	Filing Date April 30, 2001	Group

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
CW	1	5,673,291	9/30/97	Dent	375	262	
CW	2	5,615,209	3/25/97	Bottomley	370	342	
CW	3	5,572,552	11/5/96	Dent et al.	375	343	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No
CW	4	0825 727 A1	02/25/98	Europe			
CW	5	0 749 215 A2	12/18/96	Europe			
CW	6	WO 96/10873	04/11/96	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CW	7	Adachi et al. "Wideband DS-CDMA for Next-Generation Mobile Communications Systems." <i>IEEE Communications Magazine</i> . September, 1998, pp. 56-59.					
CW	8	Barbosa et al., "Adaptive Detection of DS/CDMA Signals in Fading Channels." <i>IEEE Trans. Commun.</i> Vol. 46, January 1998, pp. 115-124.					
CW	9	Bottomley et al. "Adaptive Arrays and MLSE Equalization." Proc. 1995 IEEE 45 th Vehicular Technology Conference (VTC 95). Chicago, July 25-28, 1995, 5 pp.					
CW	10	Bottomley. "Optimizing the Rake Receiver for the CDMA Downlink." Proceedings of the 43 rd IEEE Vehicular Technology Conference. Secaucus, NJ, May 18-20, 1993.					
CW	11	Dahlman et al. "UMTS/IMT-2000 Based on Wideband CDMA." <i>IEEE Communications Magazine</i> . September 1998, pp. 70-80.					
CW	12	Davis et al. "A Noise Whitening Approach to Multiple-Access Noise Rejection-Part II: Implementation Issues." <i>IEEE Journal on Selected Areas in Communications</i> . Vol. 14, October 1996, pp. 1488-1499.					
CW	13	Dent et al. "CDMA-IC: A Novel Code Division Multiple Access Scheme Based on Interference Cancellation." in Proc. PIMRC. Boston, MA, October 1992 pp. 4.1.1-4.1.5.					
CW	14	Dinan et al., "Spreading Codes for Direct Sequence CDMA and Wideband CDMA Cellular Networks." <i>IEEE Communications Magazine</i> . September 1998, pp. 48-54.					
CW	15	Duel-Hallen et al. "Multiuser Detection of CDMA Systems." <i>IEEE Personal Communications Magazine</i> . Vol. 2, April 1995, pp. 46-58.					
CW	16	Ewerbring et al. "CDMA with Interference Cancellation: A Technique for High Capacity Wireless Systems." In Proc. IEEE Int. Conf. Commun., Geneva, Switzerland, 1993.					
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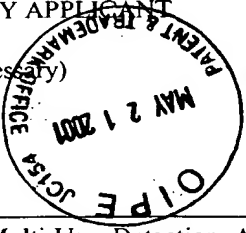
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		<i>Personal Engineering</i> . November, 1997, pp. 57-63.
CW	18	Harris et al. <i>Handbook of Mathematics and Computer Science</i> . Springer-Verlag Publishing, New York, 1998, pp.456-7.
CW	19	Hottinen et al. "Multi-User Detection For Multi-Rate CDMA Communications," in Proc. IEEE Int. Conf. Commun. Dallas, TX, June 24-28, 1996.
CW	20	Jamal et al. "Adaptive MLSE Performance on the D-AMPS 1900 Channel." <i>IEEE Transactions on Vehicular Technology</i> . Vol. 46, August 1997, pp. 634-41.
CW	21	Juntti, M.J. "Multi-User Detector Performance Comparisons in Multi-Rate CDMA Systems." in Proc. IEEE VTC '98. Ottawa, Canada, May 1998, pp. 31-35.
CW	22	Juntti, M.J. "System Concept Comparisons for Multi-Rate CDMA Systems with Multi-User Detection." in Proc. IEEE VTC '98, Ottawa, Canada May 1998, pp. 36-40.
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CW	30	Muszynski, P. "Interference Rejection Rake-Combining for WCDMA." First Intl. Symposium Wireless Personal Multimedia (WPMC '98). Yokosuka, Japan, pp. 93-98, November 4-6, 1998.
CW	31	Naguib et al. "Performance of CDMA Cellular Networks with Base-Station Antenna Arrays." Presented at the 1994 International Zurich Seminar on Digital Communications (no date).
CW	32	Ng et al. "A Structured Channel Estimator for Maximum-Likelihood Sequence Detection." <i>IEEE Commun. Letters</i> . Vol. 1, March 1997, pp. 52-55.
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CW	36	Pateros et al. "An Adaptive Correlator Receiver for Direct-Sequence-Spread-Spectrum Communication." <i>IEEE Trans. Commun.</i> Vol. 44, November 1996, pp. 1543-1552.
CW	37	Peterson et al. "Introduction to Spread-Spectrum Communications." Prentice Hall International, Inc. 1995, pp. 540-7.
CW	38	Picinbono, B. "On Circularity." <i>IEEE Trans. Sig. Proc.</i> Vol. 42, December 1994, pp. 3473-3482
CW	39	Picinbono, B. "Second-Order Complex Random Vectors and Normal Distributions." <i>IEEE Trans. Sig. Proc.</i> Vol. 44, October 1996, pp. 2637-2640.

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CW	40	Wang et al. "Blind-Multi-User Detection: A Subspace Approach," IEEE Trans. Info. Theory, Vol. 44, No. 2, March 1998, pp. 677-690	
CW	41	Yoon et al. "A Spread-Spectrum Multiaccess System with Cochannel Interference Cancellation for Multipath Fading Channels." IEEE J. Select. Areas in Commun. Vol. 11, No. 7, September 1993, pp. 1067-1075.	
CW	42	Yoon et al. "Matched Filtering in Improper Complex Noise and Applications to DS-CDMA," Sixth IEEE Intl. Symp. Personal, Indoor, Mobile Radio Commun. (PIMRC '95), Toronto, September 27-29, 1995.	
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CW	49	J.W. Harris and H. Stocker, "Handbook of Mathematics and Computer Science," New York, Springer-Verlag, 1998	

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